

## CLAIMS

1. A wireless terminal comprising a ground conductor and a transceiver coupled to an antenna feed, wherein the antenna feed is coupled  
5 to the ground conductor.

2. A terminal as claimed in claim 1, characterised in that the antenna feed is coupled to the ground conductor via a capacitor.

10 3. A terminal as claimed in claim 2, characterised in that the capacitor is a parallel plate capacitor formed by a conducting plate and a portion of the ground conductor.

15 4. A terminal as claimed in claim 1, characterised in that the antenna feed is coupled to the ground conductor by capacitance between an inductive element and the ground conductor.

5. A terminal as claimed in claim 1, characterised in that a slot is provided in the ground conductor.

20 6. A terminal as claimed in claim 5, characterised in that the slot is parallel to the major axis of the terminal.

7. A terminal as claimed in claim 1, characterised in that the ground  
25 conductor is a handset case.

8. A terminal as claimed in claim 1, characterised in that the ground conductor is a printed circuit board ground plane.

30 9. A terminal as claimed in claim 1, characterised in that a matching network is provided between the transceiver and the antenna feed.